

## BIOGRAPHICAL

<b>Name:</b>	Lauren Matukaitis Broyles, PhD, RN	<b>Birth Date:</b>	January 17, 1974
<b>Home Address:</b>	104 Woodshire Road Pittsburgh, PA 15215	<b>Birth Place:</b>	Baltimore, MD
<b>Home Phone:</b>	412-657-3565	<b>Citizenship:</b>	United States
<b>Business Address:</b>	7180 Highland Drive (151C-H) Pittsburgh, PA 15206-1206	<b>E-Mail Address:</b>	Lauren.broyles@va.gov
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		<b>Spouse Name:</b>	John Broyles

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## EDUCATION and TRAINING

### UNDERGRADUATE:

<b><i>Dates Attended</i></b>	<b><i>Name and Location of Institution</i></b>	<b><i>Degree Received and Year</i></b>	<b><i>Major Subject</i></b>
1991-1995	St. Mary's College of Maryland St. Mary's City, MD	BA/1995	Psychology
1997-1998	John Hopkins University Baltimore, MD	BSN/1998	Nursing

### GRADUATE:

<b><i>Dates Attended</i></b>	<b><i>Name and Location of Institution</i></b>	<b><i>Degree Received and Year</i></b>	<b><i>Major Advisor and Discipline</i></b>
2002-2008	University of Pittsburgh School of Nursing Pittsburgh, PA	PhD/2008	Judith A. Erlen, PhD Nursing

### POSTGRADUATE:

<b><i>Dates Attended</i></b>	<b><i>Name and Location of Institution</i></b>	<b><i>Name of Program Director and Discipline</i></b>
2008-2010	Center for Health Equity Research and Promotion VA Pittsburgh Healthcare System, Pittsburgh, PA	Michael J. Fine, MD, MSc Health Services Research

## APPOINTMENTS and POSITIONS

### ACADEMIC:

<i><b>Years Inclusive</b></i>	<i><b>Name and Location of Institution or Organization</b></i>	<i><b>Rank/Title</b></i>
09/00-08/02	University of Maryland Medical System University of Maryland School of Medicine R. Adams Cowley Shock Trauma Center, Baltimore, MD	Study Recruiter-"Alcohol Abuse and Dependence in Trauma Patients" (NIAAA R01AA009050; PI: C. Soderstrom)
08/02-06/05	University of Pittsburgh School of Nursing, Pittsburgh, PA	Graduate Student Researcher – "Ventilator Weaning: Processes of Care and Communication" (NINR, R01NR07973, PI: M.E. Happ)
06/05-06/07	University of Pittsburgh School of Nursing, Pittsburgh, PA	Graduate Student Researcher- "Improving Communication with Non-speaking ICU Patients" (NICHD R01HD043988; PI: M.E. Happ)
06/07-08/08	University of Pittsburgh School of Nursing, Pittsburgh, PA	Graduate Student Researcher- "Symptom Management, Patient-Caregiver Communication and Outcomes in the ICU" (NINR K24NR010244; PI: M.E. Happ)
09/08-09/10	Center for Health Equity Research and Promotion VA Pittsburgh Healthcare System, Pittsburgh, PA	Postdoctoral Fellow, Health Services Research
01/09-06/12	University of Pittsburgh School of Nursing, Department of Health and Community Systems, Pittsburgh, PA	Adjunct Assistant Professor
09/10-present	Center for Health Equity Research and Promotion, VA Pittsburgh Healthcare System, Pittsburgh, PA	Core Investigator
05/11-present	Association for Medical Education and Research in Substance Abuse (AMERSA), Providence, RI	Elected Member, Executive Committee
07/11-present	University of Pittsburgh School	Assistant Professor,

	of Medicine, Division of General Internal Medicine, Pittsburgh, PA	Medicine ( <i>Primary academic appointment</i> )
09/11-present	University of Pittsburgh, Center for Research on Health Care, Pittsburgh, PA	Core Faculty
09/11-present	The RAND-University of Pittsburgh Health Institute, Pittsburgh, PA	Faculty
09/12-present	University of Pittsburgh, Clinical and Translational Science Institute (CTSI)	Assistant Professor, Clinical and Translational Science ( <i>Secondary academic appointment</i> )
09/12-present	Institute for Clinical Research Education, University of Pittsburgh, Clinical and Translational Science Institute (CTSI), Pittsburgh, PA	Co-Director, <i>Research Acceleration and Moving Productivity forward to a K Award ("RAMP-to-K")</i> Program
10/12-present	University of Pittsburgh, School of Nursing, Pittsburgh, PA	Assistant Professor, Department of Health and Community Systems ( <i>Secondary academic appointment</i> )
06/13-present	VA Pittsburgh Healthcare System (VAPHS), Pittsburgh, PA	Co-Director, VA Office of Academic Affiliations Interprofessional Advanced Fellowship in Addictions Treatment, "VAPHS' <i>Interdisciplinary Addiction Program for Education and Research (VIPER)</i> "

## NON-ACADEMIC:

<i><b>Years Inclusive</b></i>	<i><b>Name and Location of Institution of Organization</b></i>	<i><b>Rank/Title or Position</b></i>
10/98-11/99	University of Maryland Medical System, Baltimore, MD	Staff Nurse – HIV/Infectious Disease
11/99-08/02	University of Maryland Medical System, Baltimore, MD	Consultation Nurse, Substance Abuse Consultation-Liaison Service

## CERTIFICATION and LICENSURE

**PROFESSIONAL LICENSURE:**

<b><i>Licensing Board/State</i></b>	<b><i>Year</i></b>
Pennsylvania – Registered Nurse, RN-537141	2002
Certified Addictions Registered Nurse	2006
Trainer, NIDA-SAMHSA Blending Initiative	2010-present

**MEMBERSHIPS in PROFESSIONAL and  
SCIENTIFIC SOCIETIES**

<b><i>Organization</i></b>	<b><i>Year</i></b>
International Nurses Society on Addictions (IntNSA)	2008-present
Research Society on Alcoholism (RSA)	2008-present
Association for Medical Education and Research in Substance Abuse (AMERSA)	2008-present
International Network for Brief Interventions for Alcohol and Other Drugs (INEBRIA)	2010-present
American Association of University Women (AAUW)	2011-present

**HONORS**

<b><i>Title of Award</i></b>	<b><i>Year</i></b>
Member, Psi Chi, International Psychology Honor Society St. Mary's College of Maryland	1994
Human Services Award St. Mary's College of Maryland	1995
Recipient, Melvin and Jane Simons Silva Scholarship Johns Hopkins University School of Nursing	1998
Recipient, Kay Emery McClaine Scholarship Johns Hopkins University School of Nursing	1998
Employee of the Year Award University of Maryland Medical System	2002

## Division of Patient Care Services: Medicine, Psychiatry, Oncology

Fellow, The Jonas Salk Health Fellowship The Jewish Healthcare Foundation and the Edward and Rose Berman Jewish University Center of Pittsburgh		2002
Member, Sigma Theta Tau International (STTI) The Honor Society of Nursing (Eta Chapter)		2005
Ruth Perkins Kuehn Award Sigma Theta Tau International (STTI), The Honor Society of Nursing (Eta Chapter)		2005
Recipient, 2009 Council for the Advancement of Nursing Science (CANS)/ American Nurses Foundation (ANF) Scholar		2009
Selected Attendee Enhancing Implementation Science (EIS) Training, <i>Novice track</i>	VA	2010
2010 New Investigator/Educator Award Association for Medical Education and Research in Substance Abuse (AMERSA)		2010
Selected Attendee Enhancing Implementation Science (EIS) Training, <i>Mid-level/Advanced track</i>	VA	2011
Best Poster Award 2011 VA Health Services and Research and Development (HSR&D) Service National Meeting: "Anticipated barriers and facilitators associated with nurse- delivered alcohol SBIRT for hospitalized Veterans"		2011
2011 Research Award International Nurses Society on Addictions (IntNSA)		2011
2012 Outstanding Young Alumni Award University of Pittsburgh School of Nursing		2012

## PUBLICATIONS

### Peer-reviewed articles

1. **Broyles LM**, Korniewicz D. (2002). The opiate-dependent patient with endocarditis: Addressing pain and substance abuse withdrawal. *AACN Clinical Issues: Advanced Practice in Acute and Critical Care*, 13(3):431-451.
2. Welsh CJ, Suman M, Cohen A, **Broyles L**, Bennett M, Weintraub E. (2002) The use of intravenous buprenorphine for the treatment of opiate withdrawal in medically-ill hospitalized patients. *American Journal on Addictions*, 11:135-140.
3. **Broyles LM**, Colbert AM, Erlen JA. (2005). Medication practice and feminist thought: A theoretical and ethical response to adherence in HIV/AIDS. *Bioethics*: 19(4): 362-378.
4. **Broyles, LM**, Tate, JA, Happ, MB. (2008). Videorecording in clinical research: Mapping the ethical terrain. *Nursing Research*, 57(1): 59-63.
5. **Broyles, LM**, Colbert, AM, Tate, JA, Swigart, VS, Happ, MB. (2008). Clinicians' evaluation and management of mental health, substance abuse, and chronic pain conditions in the

- intensive care unit. *Critical Care Medicine*, 36(1): 87-93.
6. **Broyles LM**, Gordon AJ. (2010). SBIRT implementation: Moving beyond the multidisciplinary rhetoric. *Substance Abuse*, 31(4):221-223.
  7. Sereika SM, Tate JA, DiVirgilio-Thomas D, Hoffman LA, Swigart VA, **Broyles LM**, Roesch T, Happ MB. (2011). The association between bathing and weaning trial duration. *Heart and Lung*, 40(1):41-48.
  8. **Broyles LM**, Gordon AJ, Sereika SM, Ryan CM, Erlen JA. (2011). Do words matter? Incongruent responses to inconsistently worded AUDIT-C alcohol screening instruments. *Substance Abuse*, 32(4):202-209.
  9. **Broyles LM**, Gordon AJ, Sereika SM, Ryan CM, Erlen JA. (2011). Predictive utility of brief AUDIT for HIV antiretroviral medication adherence, *Substance Abuse*, 32(4):242-261.
  10. **Broyles LM**, Rodriguez KL, Price PA, Bayliss NK, Sevick MA. (2011). Overcoming barriers to the recruitment of nurses as participants in health care research. *Qualitative Health Research*, 21(12):1705-1718.
  11. Childers JW, **Broyles LM**, Hanusa BH, Kraemer KL, Conigliaro J, Spagnoletti C, McNeil M, Gordon AJ. (2012). Teaching the teachers: Faculty preparedness and evaluation of a retreat in Screening, Brief Intervention, and Referral to Treatment. *Substance Abuse*, 33(3):272-277.
  12. **Broyles LM**, Rosenberger EM, Hanusa BH, Kraemer KL, Gordon AJ. (2012). Hospitalized patients' acceptability of nurse-delivered Screening, Brief Intervention, and Referral to Treatment (SBIRT). *Alcoholism: Clinical and Experimental Research*, 36(4):727-731.
  13. Broyles LM, Tate JA, Happ MB (2012). Use of augmentative and alternative communication strategies by family members in the ICU. *American Journal of Critical Care*, 21(2):e21-e32. PMC3607206
  14. **Broyles LM**, Rodriguez KL, Kraemer KL, Sevick MA, Price PA, Gordon AJ. (2012). A qualitative study of anticipated barriers and facilitators to the implementation of nurse-delivered alcohol screening, brief intervention, and referral to treatment for hospitalized patients in a Veterans Affairs medical center. *Addiction Science and Clinical Practice*, 7:7, open access at: <http://www.ascpjournal.org/content/pdf/1940-0640-7-7.pdf>.
  15. **Broyles LM**, Gordon AJ, Kengor C, Kraemer KL. A tailored curriculum of alcohol screening, brief intervention, and referral to treatment (SBIRT) for nurses in inpatient settings. *Journal of Addictions Nursing*, in press.
  16. **Broyles LM**, Gordon AJ, Rodriguez KL, Hanusa BH, Kengor C, Kraemer KL. Evaluation of a pilot training program in alcohol screening, brief intervention, and referral to treatment (SBIRT) for nurses in inpatient settings. *Journal of Addictions Nursing*, 24(1):8-19.
  17. **Broyles LM**, Conley JW, Harding JD, Gordon AJ. A scoping review of interdisciplinary collaboration in addictions education and training. *Journal of Addictions Nursing*, 24(1):29-38.
  18. Strobbe S, **Broyles LM**. Position paper: Expanded roles and responsibilities for nurses in screening, brief intervention, and referral to treatment (SBIRT) for alcohol use. *Journal of Addictions Nursing*, in press.
  19. Gabrielian S, Gordon AJ, Gelberg L, Patel B, Manchanda R, Altman L, Andersen RM, Campbell RA, **Broyles LM**, Conley J, Kertesz S. Building medical homes for homeless veterans: A comparison of organizational processes and patient characteristics at three Veteran Affairs Facilities, *under review*

## Reviews, invited published papers, proceedings of conference and symposia, monographs, books and book chapters

1. **Broyles, LM**, Parker, LS. (2003, November). Ethical considerations for institutional review board evaluation of protocols for genetic research on substance abuse [**Commissioned paper & presentation**, National Academy of Sciences]. The National Academies, Workshop on the Genetics of Drug Addiction. Washington, D.C. (Conference proceedings available at: <http://www.nida.nih.gov/pdf/geneticsworkshop.pdf>)
2. Tate, J, Sereika, S, Swigart, V, Arnold, R, Hoffman, L, Roesch, T, **Broyles, L**, Coyne, B, Happ, MB. (2005). Exploring the relationship between "anxiety" and weaning from long-term

mechanical ventilation (LTMV) using mixed methods. American Thoracic Society International Conference Proceedings, (p.A793).

3. Parker, LS, **Broyles, LM**. (2005). Ethical issues in the conduct of genetic research. In: Iltis, A. (Ed.), *Research Ethics*. London: Routledge.
4. **Broyles, LM**, Colbert, AM, Erlen, JA. (2006) Medication practice and feminist thought: A theoretical and ethical response to adherence in HIV/AIDS. In: Selgelid, MJ, Battin, MP, Smith, CB (Eds.). *Ethics and Infectious Disease*, Malden (MA): Blackwell Publishing, pp. 184-199.
5. Gordon AJ, Gordon JM, **Broyles LM**. (2013) Medical Consequences of Unhealthy Alcohol Use. In: Saitz R (Ed). *Addressing Unhealthy Alcohol Use in Primary Care*. Ames (IA): Springer.

### Published abstracts

1. Tate J, Sereika S, Swigart V, Arnold R, Hoffman L, Roesch T, **Broyles L**, Coyne B, Happ MB. Exploring the relationship between anxiety and weaning from long-term mechanical ventilation (LTMV). Proceedings of the American Thoracic Society, 2005;2:A793.
2. Happ MB, Tate J, Sereika S, Swigart V, Arnold R, Roesch T, **Broyles L**, Coyne B, Hoffman L. Weaning from prolonged mechanical ventilation: The influence of agitation-sedation and age. The Gerontologist, 2005;45(Special Issue II), 126.
3. **Broyles L**, Happ MB, **Tate J**, Swigart V, Hoffman L. Neuro-cognitive complexity, interpersonal conflict and inconsistent care patterns in the case of an elderly ICU patient. The Gerontologist, 2005;45(Special Issue II), 126.
4. Tate J, **Broyles L**, DiVirgilio-Thomas D, Happ M. Clinicians' interpretation and management of psycho-behavioral symptoms of critically ill older adults. The Gerontologist, 2007;47(Special Issue I), 636.
5. Paidisetty S, **Broyles LM**, Forman SD, Gordon AJ. Buprenorphine and methadone opioid agonist therapy: differences in patient enrollment characteristics within a VA medical center. Journal of General Internal Medicine, 2009;24(Suppl):S35-S36.
6. **Broyles LM**, Gordon AJ, Sereika SM, Ryan CM, Erlen JA. Alcohol screening tests predict adherence to antiretroviral regimens for persons with HIV/AIDS. Substance Abuse, 2010;31(3):195.
7. **Broyles, LM**, Sereika SM, Gordon AJ, Ryan CM, Erlen JA. Reliability evaluation of the Alcohol Use Disorders Identification Test-Consumption (AUDIT-C) in persons with HIV. Substance Abuse, 2010;31(3):206.
8. Pringle J, Johnjulio W, Miller B, **Broyles LM**, Campopiano M, Gordon AJ for the SMaRT Project Team. Developing and Evaluating SMaRT: SBIRT Medical and Residency Training in Medical Residency Programs in Pennsylvania. Substance Abuse, 2010;31(3):207.
9. **Broyles LM**, Kraemer KL, Hanusa BH, Luther JF, Gordon AJ. Factors associated with nurses' readiness to provide alcohol-related care for inpatients. Substance Abuse, 2011;32(1):52.
10. Childers JW, Gordon A, Kraemer K, McNeil M, Conigliaro J, **Broyles L**, Spagnoletti C. Infusing SBIRT into faculty teaching – a model faculty training to acquire SBIRT awareness, knowledge, and skills. Substance Abuse, 2011;32(1):48-49.

### Other

1. Kub, J. An Interview with **Lauren Broyles**, PhD, RN, Nurse Researcher. Interview by Joan Kub. *Journal of Addictions Nursing*, 2012;23(2):143-145.
2. Broyles, LM. "Power Hour" makes for risky drinking. Letter to the Editor. *The Pittsburgh Post Gazette*, March 10, 2013.

### Presentations

#### International

1. **Broyles LM**, Happ MB, Colbert AM, Tate JA, Swigart V, Hoffman L. The impact of pre-

- existing mental health issues in the management of prolonged mechanical ventilation. (2006). Symposium: Biobehavioral Considerations in Prolonged Mechanical Ventilation. American Thoracic Society International Conference, May 19-24, 2006, San Diego CA.
2. Paidisetty S, **Broyles LM**, Forman SD, Krumm, MM, Gordon AJ. Buprenorphine and methadone opioid agonist therapy: Differences in patient enrollment characteristics within a VA medical center. (2009). Poster presentation at the 2009 Society of General Internal Medicine annual meeting, May 13-16, 2009, Miami, FL.
  3. **Broyles LM**, Kraemer KL, Hanusa BH, Luther JF, Gordon AJ. (2010). Factors associated with nurses' professional readiness to provide alcohol-related care for medical inpatients. Oral presentation , 7<sup>th</sup> Annual Conference of the International Network of Brief Interventions for Alcohol Problems (INEBRIA). September 9-10, 2010, Gothenburg, Sweden.
  4. **Broyles LM**. (2012). Screening, Brief Intervention, and Referral to Treatment (SBIRT): Where's the Nurse? Oral presentation at the 36<sup>th</sup> Annual Educational Conference, International Nurses Society on Addictions (IntNSA). September 5-8, 2012, Washington, DC.
  5. Nowzari S, Finnell DS, **Broyles LM**. (2012). Nurse provision of alcohol-related interventions in the patient-centered medical home. Poster presentation at the 36<sup>th</sup> Annual Educational Conference, International Nurses Society on Addictions (IntNSA). September 5-8, 2012, Washington, DC.
  6. Gabrielian S, Gordon AJ, Gelberg L, Patel B, Manchanda R, Altman L, Campbell RA, **Broyles LM**, Kertesz S. (2013). Building VA Medical Homes for Homeless Veterans. Poster presentation at the VA International Homelessness Research Conference: Advancing the Policy and Practice of Crisis Response Systems, Philadelphia, PA , June, 2013.
  7. **Broyles LM**, Singh M, Rodriguez K, Hayashi S, Monte R, Gordon A. (2013). The development of an alcohol brief intervention e-Coach for use by primary care clinicians. Oral presentation , 10th Annual Conference of the International Network of Brief Interventions for Alcohol Problems (INEBRIA), Rome, Italy. September 19-20, 2013.

## National

1. **Broyles, LM**, Happ, MB, Tate, J, Swigart, V, Hoffman, L. (2005). Clinicians' evaluation and management of pre-existing substance use, chronic pain, and psychiatric conditions in long-term ICU patients. Poster presentation, Eastern Nursing Research Society (ENRS) 17<sup>th</sup> Annual Scientific Sessions, April 7-9, 2005, New York, NY.
2. **Broyles L**, Happ MB, Tate J, Swigart V, Hoffman L. (2005). Exemplars of mixed methods data combination and analysis. Poster presentation, Eastern Nursing Research Society (ENRS) 17<sup>th</sup> Annual Scientific Sessions, April 7-9, 2005, New York, NY
3. Happ MB, Tate J, Swigart V, Sereika S, Arnold R, Hoffman L, Roesch T, **Broyles L**, Coyne B. (2005). Exploring the relationship between anxiety and weaning from long-term mechanical ventilation (LTMV) using mixed methods. Eastern Nursing Research Society (ENRS) 17<sup>th</sup> Annual Scientific Sessions, April 7-9, 2005, New York, NY.
4. **Broyles L**, Happ MB, Tate J, Swigart V, Hoffman L. (2005). Neurocognitive complexity, interpersonal conflict, and inconsistent care patterns in the case of an elderly ICU patient. Symposium: Cognition and Behavior among Critically Ill Older Adults. Podium presentation, Gerontological Society of America (GSA) Annual Meeting, Orlando, FL.
5. Happ MB, Tate J, Sereika S, Swigart V, Arnold R, Roesch T, **Broyles L**, Coyne B. Hoffman L. (2005). Weaning from long-term mechanical ventilation: The influence of agitation-sedation and age. Symposium: Cognition and Behavior among Critically Ill Older Adults. Gerontological Society of America (GSA) Annual Meeting, November 18-22, 2005, Orlando, FL.
6. **Broyles LM**, Happ MB, Tate J, Garrett K. (2006). Videorecording in Clinical Research: Mapping the Ethical Terrain. Symposium: Videography in Patient-Oriented Clinical Research: Lessons from the Field. Podium presentation, National State of the Science Congress in Nursing Research, October 12-14, 2006, Washington, D.C.
7. Paidisetty S, **Broyles LM**, Forman SD, Krumm MM, Gordon AJ. (2009). Buprenorphine and



methadone opioid agonist therapy: Differences in patient enrollment characteristics within a VA Medical Center. Poster presentation, Veterans Health Administration's Mental Health Summit, July 21, 2009, Baltimore, MD.

8. Pringle J, Johnjulio W, Miller B, **Broyles LM**, Campopiano M, Gordon AJ for the SMaRT Project Team. (2009). Developing and Evaluating SMaRT: SBIRT Medical and Residency Training in Medical Residency Programs in Pennsylvania. Poster presentation, Association for Medical Education and Research in Substance Abuse (AMERSA) Annual Conference; November 5-7, 2009; Bethesda, MD.
9. **Broyles LM**, Sereika SM, Gordon AJ, Ryan CM, Erlen JA. (2009). Reliability evaluation of the Alcohol Use Disorders Identification Test-Consumption (AUDIT-C) in persons with HIV. Poster presentation, Association for Medical Education and Research in Substance Abuse (AMERSA) Annual Conference; November 5-7, 2009; Bethesda, MD.
10. **Broyles LM**, Gordon AJ, Sereika SM, Ryan CM, Erlen JA. (2009). Alcohol screening tests predict adherence to antiretroviral regimens for persons with HIV/AIDS. Podium presentation, Association for Medical Education and Research in Substance Abuse (AMERSA) Annual Conference; November 5-7, 2009; Bethesda, MD.
11. Gordon AJ, **Broyles LM**, Hanusa B, Krumm M, Paidisetty S, Forman SD. (2010). Comparative outcomes of VA office-based buprenorphine and methadone treatment for opioid dependence in the VA. 4<sup>th</sup> Annual VHA Mental Health Conference, July, 2010; Baltimore, MD.
12. **Broyles LM**, Kraemer KL, Hanusa BH, Luther JF, Gordon AJ. (2010). Factors associated with nurses' readiness to provide alcohol-related care for inpatients. Oral presentation, Association for Medical Education and Research in Substance Abuse (AMERSA) Annual Conference; November 4-6, 2010; Bethesda, MD.
13. Childers JW, Gordon A, Kraemer K, McNeil M, Conigliaro J, **Broyles L**, Spagnoletti C. Infusing SBIRT into faculty teaching – a model faculty training to acquire SBIRT awareness, knowledge, and skills. (2010). Oral presentation, Association for Medical Education and Research in Substance Abuse (AMERSA) Annual Conference; November 4-6, 2010; Bethesda, MD.
14. **Broyles LM**, Rodriguez KL, Kraemer KL, Gordon AJ. (2011). Anticipated barriers and facilitators associated with nurse-delivered alcohol SBIRT for hospitalized Veterans. Poster presentation: U.S. Department of Veterans Affairs, 2011 Health Services Research and Development (HSRD) Service National Meeting; February 16-18, 2011; National Harbor, MD.
15. **Broyles, LM**. (2011). SBIRT research and implementation with medical inpatients. Symposium: Innovative Models of Care for Addiction Treatment. American Society of Addiction Medicine, April 17, 2011, Washington, DC.
16. **Broyles, LM**. (2012). Bridging the great divide: clinical and research partnerships to improve health care for vulnerable veterans. Plenary Panel: The Face of the Veteran: Seeking Knowledge to Enhance the Care of Veterans. The Third Annual Rita M. McGinley Symposium, Exploring Social Justice for Vulnerable Populations: The Face of the Veteran. Duquesne University, October 25-26, 2012; Pittsburgh, PA.
17. **Broyles, LM**. (2013). Nursing responses to the full spectrum of alcohol use among hospitalized patients. Oral presentation, Symposium: Addressing Substance Use in Hospitals: Building Bridges to Community Treatment, Christiana Care Health System & University of Pennsylvania, Department of Psychiatry, Delaware Valley Node of the NIDA Clinical Trials Network, April 9, 2013, Newark, DE.
18. Nowzari, S, Finnell, DS, & **Broyles, LM**. (2013). Nurse provision of alcohol-related interventions in the patient-centered medical home. Poster presentation: Research Society on Alcoholism Scientific Meeting, June 22-26, 2013, Orlando, FL.
19. Gabrielian S, Gordon AJ, Gelberg L, Patel B, Manchanda R, Altman L, Campbell RA, **Broyles LM**, Conley, J, Kertesz S. (2013). Building medical homes for homeless veterans: A comparison of organizational processes and patient characteristics at three Veterans Affairs facilities. Poster presentation at the American Public Health Association 141<sup>st</sup> Annual Meeting and Expo, November 6, 2013, Boston, MA.

## Local

1. **Broyles, LM.** (2004). Substance Users, HIV Infection, and Adherence. Doctoral Student Poster Session, 65<sup>th</sup> Anniversary Celebration, University of Pittsburgh School of Nursing, May 14, 2004, Pittsburgh, PA.
2. **Broyles, LM,** Happ, MB, Tate, J, Swigart, V, Hoffman, L. (2005). Clinicians' Evaluation and Management of Pre-existing Substance Use, Chronic Pain, and Psychiatric Conditions in Long-Term ICU Patients Poster presentation, Sigma Theta Tau (STT), Eta Chapter, 6<sup>th</sup> Annual Clinical and Research Poster Session, February, 2005, Pittsburgh, PA.
3. **Broyles, LM.** (2009). Assessing Readiness for Nurse Implementation of Alcohol Screening, Brief Intervention, and Referral to Treatment (RN-SBIRT). VISN 4 Mental Illness Research, Education, and Clinical Center (MIRECC) Investigator Meeting, MIRECC, VA Pittsburgh Healthcare System, May 18, 2009, Pittsburgh, PA.
4. **Broyles, LM.** (2009). Developing a Program of Research in Alcohol Screening, Brief Intervention, and Referral to Treatment (SBIRT) for Inpatient Care Settings. Research in Progress Series, Center for Health Equity Research and Promotion (CHERP), VA Pittsburgh Healthcare System, September 22, 2009, Pittsburgh, PA.
5. **Broyles, LM.** (2009). Improving the Detection and Management of Alcohol Misuse Among Medical Inpatients. Research in Development Series, Center for Research on Healthcare, University of Pittsburgh, November 12, 2009, Pittsburgh, PA.
6. **Broyles, LM.** (2010). Factors Associated with Nurses' Professional Readiness to Provide Alcohol-related Care for Medical Inpatients. Pittsburgh MIRECC Investigator Meeting; Mental Illness Research, Education, and Clinical Center (MIRECC), VA Pittsburgh Healthcare System, January 28, 2010, Pittsburgh, PA.
7. **Broyles, LM.** (2010). Factors Associated with Nurses' Professional Readiness to Provide Alcohol-related Care for Medical Inpatients. Magnet Ambassador Meeting, VA Pittsburgh Healthcare System, February 5, 2010, Pittsburgh, PA.
8. **Broyles, LM.** (2010). Factors Associated with Nurses' Professional Readiness to Provide Alcohol-related Care for Medical Inpatients. Nursing Grand Rounds, VA Pittsburgh Healthcare System, February 25, 2010, Pittsburgh, PA.
9. Gordon AJ, **Broyles LM.** (2010). Integrating SBIRT within Homeless Clinics. Workshop presentation at the Health Care for the Homeless is ONTRACK with Recovery Conference, March 5, 2010, Pittsburgh, PA.
10. **Broyles, LM** (2011). Interdisciplinary, Nurse-led Alcohol Screening, Brief Intervention, and Referral to Treatment (SBIRT) for Hospitalized Patients. Health Services Research Seminar Series, University of Pittsburgh Center for Research on Health Care/ VA Center for Health Equity Research and Promotion/RAND Pittsburgh, January 11, 2011, Pittsburgh, PA.
11. Nowzari, S, Finnell, DS, & **Broyles, LM** (2013). Nurse provision of alcohol-related interventions in the patient-centered medical home. University at Buffalo, School of Nursing Research Day, March 22, 2013, Buffalo, NY.
12. **Broyles, LM** (2013). Bridging the Great Divide: Clinical and Research Partnerships in Nursing. Sigma Theta Tau, Eta Chapter, induction ceremony, April 11, 2013, Pittsburgh, PA.
13. **Broyles, LM** (2013). Expanding Nursing Roles for Alcohol-related Health Promotion in Inpatient and Primary Care Settings. Center of Excellence in Critical and Complex Care, Ohio State University, April 15, 2013, Columbus, Ohio.

## PROFESSIONAL ACTIVITIES

### TEACHING:

#### Academic Precepting/Mentoring

01/01, 05/01 Preceptor, Substance Abuse Nursing Experience  
Undergraduate Nursing students--University of Maryland School of Nursing,

Johns Hopkins University School of Nursing &  
University of Maryland Medical System  
Baltimore, MD

- 01/10-06/10 Preceptor, GPNG 505, Nursing Research Methods  
(Graduate-level research practicum)  
Duquesne University, School of Nursing  
Pittsburgh, PA  
Student: Ms. Patrice Price, MSN, RN
- 02/10-01/11 Committee member, Doctorate of Nursing Practice (DNP) capstone project  
(final project for clinical doctorate)  
"Alcohol Screening Brief Intervention Training for Fort Belknap Healthcare  
Providers" Student: Ms. Anita Kellam, DNP, MN, APRN, FNP-C  
Fort Belknap Indian Health Service Unit, Harlem, MT  
Institution: Frontier School of Midwifery and Family Nursing Hyden, KY
- 06/10-08/10 Preceptor, Summer Research Practicum  
Medical Scientist Training Program (MD-PhD Program)  
University of Pittsburgh, School of Medicine, Pittsburgh, PA  
Student: Ms. Emily Rosenberger, Medical Student (MD-PhD)

### **Lecturing (Academic and Professional Continuing Education)**

- 01/02, 03/02 Lecturer, "Substance Abuse and Acute Withdrawal Management"  
Critical Care Nurse Orientation/Bridge Course  
University of Maryland Medical System, Baltimore, Maryland
- 01/02, 03/02, 05/02 Lecturer, "Substance Abuse and HIV/AIDS"  
HIV Core Curriculum Course for healthcare providers  
University of Maryland Medical System, Baltimore, MD
- 01/02, 03/02, 05/02 Lecturer, "Substance Abuse and Substance Withdrawal Orientation"  
Medical-Surgical rotation for undergraduate Nursing students  
University of Maryland Medical System  
Baltimore, MD
- 03/03, 03/04 Lecturer, "Vulnerable Populations: Persons with HIV/AIDS and Substance Use Disorders"  
NUR1085 Ethics in Nursing and Health, (undergraduate level students); Dr. Mary Beth Happ  
University of Pittsburgh, School of Nursing, Pittsburgh, PA
- 03/04, 03/05, 10/05, 03/06, 03/07, 07/08 Lecturer, "Ethical Dilemmas Faced by Persons with HIV/AIDS"  
NUR1085, Ethics in Nursing and Health, (undergraduate level students); Dr. Mary Beth Happ,  
Dr. Annette Dabbs; University of Pittsburgh, School of Nursing, Pittsburgh, PA
- 03/07 Lecturer, "Ethical and Legal Considerations in Evidence-Based Nursing Practice"  
NUR0067, Nursing Research: Introduction to Critical Appraisal and Evidence-Based Practice  
(undergraduate level students); Dr. Elizabeth LaRue; University of Pittsburgh, School of Nursing  
Pittsburgh, PA
- 06/09 Lecturer, "Risky Drinking: Moving from "Don't Ask, Don't Tell" to SBIRT"  
NUR1127, NUR1128, NUR1227, Community Health Nursing Theory and Practicum  
(undergraduate level students); Dr. Kyeongra Yang; University of Pittsburgh, School of Nursing  
Pittsburgh, PA
- 07/09, 07/10, Lecturer, "Inpatient Management Considerations for the Alcohol and Chemically Dependent

07/11, 07/12 Adult," NURNP 2104, Management of Complex Health Problems of the Acutely and Critically Ill Adult (graduate level students); Dr. Marilyn Hravnak; University of Pittsburgh, School of Nursing

10/09, 09/10, 09/11, 10/12 Lecturer, "SBIRT Techniques"  
NURNP 2106, Critical Care Emphasis; NURNP 2015, Cardiopulmonary Clinical Emphasis (graduate level students), Dr. Marilyn Hravnak, University of Pittsburgh, School of Nursing, Pittsburgh, PA

10/10 Trainer, "Buprenorphine Treatment: A Training for Multidisciplinary Addiction Professionals" (NIDA-SAMHSA Blending Initiative); 4-hour live training co-sponsored by Department of Veterans Affairs VISN4 Mental Illness Research, Education, and Clinical Center (MIRECC) and the Institute for Research, Education, and Training in Addictions (IRETA), the Northeast Addiction Technology Transfer Center (NEATTC)

08/11-present Instructor, CLRES 2071 & CLRES 2072, Research Design and Development  
Institute for Clinical Research Education, Clinical and Translational Science Institute (CTSI), University of Pittsburgh, Pittsburgh, PA

09/11-present Lecturer, "Brief Intervention Techniques"  
Pennsylvania Medical Residency Training Program in SBIRT,  
University of Pittsburgh Division of General Internal Medicine, Pittsburgh, PA

10/11-11/11 Trainer, "Buprenorphine Treatment: A Training for Multidisciplinary Addiction Professionals" (NIDA-SAMHSA Blending Initiative)  
3-part, 6-hour webinar training co-sponsored by the Institute for Research, Education, and Training in Addictions (IRETA), the Northeast Addiction Technology Transfer Center (NEATTC), Pittsburgh, PA and Community Care Behavioral Health, Moosic, PA.

04/12, 04/13 Lecturer: "A Research Career Trajectory within the VA Healthcare System: Training, Research and Career Opportunities," NUR3030, Research Development (doctoral students); Dr. Leslie Hoffman, Dr. Paula Sherwood, University of Pittsburgh, School of Nursing, Pittsburgh, PA

## RESEARCH:

### ***Current Grant Support:***

Grant Number	Grant Title	Role in Project and Percentage of Effort	Years Inclusive	Source \$ Amount
VA Central Office (Office of Academic Affairs)	Interprofessional Advanced Fellowship in Addiction Treatment: VAPHS' Interdisciplinary Addiction Program for Education and Research (VIPER)	Co-Director 20%	2013-2018	~\$1,780,000
CDA 10-014	Improving Detection and Management of Alcohol Misuse in VA Inpatients	Principal Investigator 100%	2011-2015	\$575,664

1 I01 HX000802-01	Trial of Nurse-delivered Alcohol Brief Intervention for Hospitalized Veterans	Principal Investigator 37.5%	2012-2015	\$944,627
XXXX VA Central Office	Addiction Triage for Homeless - Enhancing VA Medical Homes: VA Pittsburgh's ANTHEM Program PI: Gordon, A.	Co-Investigator	2012-2014	\$285,779
VA SUDQ- LIP1304	Assessment of the Assessment: Evaluating the Nature and Types of Effects of Non-Intervention Arms of Alcohol Brief Intervention Trials PI: Gordon, A.	Co-Investigator	2013-2013	\$10,000
TAP-2013-002 VA Office of Systems Redesign	Development of a Computerized Clinical Decision Support System for Alcohol Brief Intervention Delivery in PACT	Principal Investigator	2013-2013	\$195,000
VISN4 Competitive Pilot Project	Patient-Administered Social Health Screening in Primary Care: A Pilot Study PI: M. Dichter	Co-Investigator	2013-2014	\$49,852

***Prior Grant Support:***

Grant Number	Grant Title	Role in Project and Percentage of Effort	Years Inclusive	Source \$ Amount
F31NR008822 NINR, NIH	Substance Users, HIV Infection, and Adherence	Principal Investigator (Mentor, Judith A. Erlen)	2004-2008	\$243,572
American Association of Critical Care Nurses	Clinicians' Evaluation and Management of Pre-Existing Substance Use, Chronic Pain, and Psychiatric Conditions in Long-Term Care ICU Patients	Principal Investigator (Mentor, Mary E. Happ)	2005-2006	\$10,000
XVA 72-056 VA VISN 4 MIRECC Pilot Funds Program	Assessing Readiness for Nurse Implementation of Alcohol Screening, Brief Intervention and Referral to Treatment (RN-SBIRT)	Principal Investigator	2009-2010	\$25,000

RRP 09-064 VA QUERI Program	Implementing a Nurse Training Program for Alcohol Screening, Brief Intervention, and Referral to Treatment in Inpatient Settings	Principal Investigator	2009-2010	\$49,960
2009-024 American Nurses Foundation	Patient Acceptability of Nurse-delivered Alcohol Screening, Brief Intervention and Referral to Treatment in the Inpatient Setting	Principal Investigator	2009-2009	\$19,987
VA SUDQ- LIP1203	Practical Content for Alcohol Intervention Discussions PI: Smith, M.L.	Co-Investigator	2012-2012	\$10,000
VA SUDQ- LIP1202	Development of Measures to Evaluate an Alcohol Liaison Nurse Role in Primary Care PI: Finnell, D.	Co-Investigator	2012-2012	\$10,000

#### **LIST of CURRENT RESEARCH INTERESTS:**

Alcohol screening, brief intervention, and referral to treatment (SBIRT); hospitalized patients; primary care-mental health integration; interdisciplinary practice and training; provider behavior change; translational and implementation science

#### **SERVICE:**

##### **Professional, U.S. Department of Veterans Affairs (VA)**

2011 Committee Member, Department of Veterans Affairs expert representative, Department of Veterans Affairs/Department of Defense (VA/DoD) Substance Use Disorder (SUD) Clinical Support Tool Working Group. Washington, DC, January 19-20, 2011

2012-2014 Appointed Core Member  
VA Substance Use Disorders (SUD) QUERI Primary Care Work Group

2012-2014 Member, Implementation Team  
VA Substance Use Disorders (SUD) QUERI Primary Care Work Group

##### **Professional, Non-VA**

2003-2004 Secretary, Doctoral Nursing Student Organization (DNSO), University of Pittsburgh School of Nursing

2003-2004 Doctoral Student Representative, Planning Committee, 65<sup>th</sup> Anniversary Celebration, University of Pittsburgh School of Nursing.

2008-present Reviewer, *American Journal of Critical Care*

2008-2010 Co-Chair, Evaluation Committee, Pennsylvania Medical Residency Training Program in alcohol SBIRT (SMaRT, CSAT/SAMHSA, PI: Pringle, 2008-2013)

- 2009-present Reviewer, *Nursing Research*
- 2011-present Reviewer, *Alcoholism: Clinical and Experimental Research, Qualitative Health Research, Journal of Clinical Nursing, Substance Abuse*
- 2011-2012 Member, 2012 Conference Planning Committee, International Nurses' Society on Addictions (IntNSA)
- 2011-2012 Author, Scope and Standards Writing Work Group, International Nurses' Society on Addictions (IntNSA), *Nurses Specializing in Substance Abuse and Addictive Disorders (Addictions Nursing): Scope and Standards of Practice*
- 2011-2013 Elected Member, Executive Committee, Association for Medical Education and Research in Substance Abuse (AMERSA)
- 2011, 2012 AMERSA Conference Travel Award selection committee
- 2012-present AMERSA Conference Evaluation Chair
- 2012-present Reviewer, *Addiction, Journal of Substance Abuse Treatment, American Journal on Addictions*
- 2012-2013 Author, SBIRT Position Paper Writing Work Group, International Nurses' Society on Addictions (IntNSA): and the Emergency Nurses Association (ENA) SBIRT position paper: "Expanded Roles and Responsibilities for Nurses in Screening, Brief Intervention, and Referral to Treatment (SBIRT) for Alcohol Use"  
(<http://www.ena.org/about/position/jointstatements/Pages/Default.aspx>)
- 2012-present Co-Director, Research Acceleration and Moving Productivity forward to a K Award (RAMP-to-K) Program, Institute for Clinical Research Education, Clinical and Translational Science Institute (CTSI), University of Pittsburgh  
(<http://www.icre.pitt.edu/ramp.html>)
- 2012-present Associate Editor, *Substance Abuse*
- 2012-present Advisory Board, national Addiction and Technology Transfer Center (ATTC) for Screening, Brief Intervention, and Referral to Treatment (SBIRT); Institute for Research, Education, and Training in Addictions (IRETA), Pittsburgh, PA
- 2013-present Reviewer, *Addiction Science and Clinical Practice*
- 2013-2015 Secretary, Association for Medical Education and Research in Substance Abuse (AMERSA)

## Community

- 1995-1996 AmeriCorps National Civilian Community Corps (NCCC)  
(Full time national community service), Charleston, SC
- 2012-present Volunteer, Girl Scouts of Western Pennsylvania